USER MANUAL

Digital to Analog Converter

2 SPDIF+2 Coaxial Audio Switcher

Model No：ADSW0006M1

Enjoy the vivid world!

REMARK

Manufacturer does not make any commitment to update the information contained herein.

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Dear customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

The products are designed to make your A/V device use more convenient, comfortable, productive and cost-efficient.

This product is a 4-Ports SPDIF switcher, also is a digital to analog converter. You can switch any one of the four digital audio signals to the one SPDIF/Toslink audio output. At the same time, it can convert the LPCM digital audio into analog L/R audio output and headphone output. It can be used to do audio decode for the DVD, Blue-Ray DVD, PS3, X360BOX, HD Player, PC and other similar signal generator source.

Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

INTRODUCTION

FEATURES：

- 4-Ports SPDIF (2×Toslink and 2×Coaxial) digital audio input, switch to 1-Port SPDIF/Toslink output and one L/R analog audio output and one headphone output
- Uses 192KHZ/24bit DAC
- Support digital audio formats: Dolby AC3, DTS, THX, HDCD, LPCM for SPDIF output
- Support LPCM digital audio converted to analog audio output
- Automatic identification input digital audio signal format, when non-LPCM input, analog output mute
- Input status indication. When no audio or error data input, the input port indicator starts to flash
- A key switch, easy operation
- Headphone amplifier output, can drive the general 3.5mm earphone
- High tone quality, low noise
- Power-off memory
- DC5V/1A power adapter

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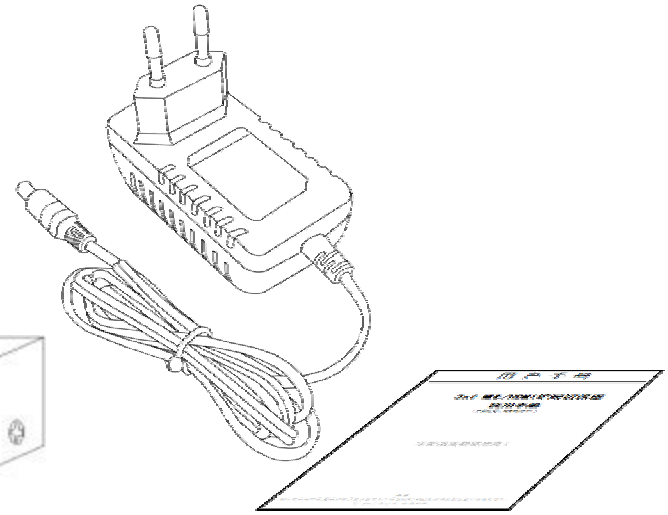
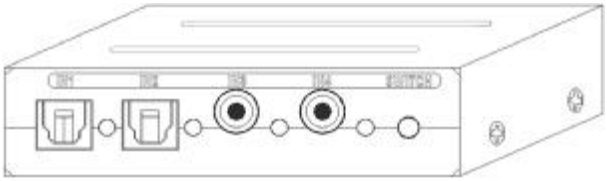
PACKAGE CONTENTS:

1、Main unit 1pcs
2、AC power adapter 1pcs
3、User manual 1pcs





FEATURES OF THE INTERFACE:

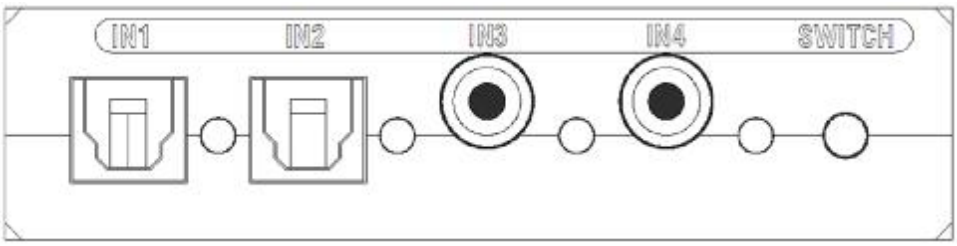


FIG.1.0 Front Panel View

IN1～2: SPDIF/Toslink input ports

IN3～4: SPDIF/ Coaxial input ports

GREEN LEDS: input led status light (When no audio or error data input, the LED starts to flash)

SWITCH: In the running state, fast press is switching signal source; keep press for 3 seconds is to power off, and all led will be off at the same time; in the shutdown state, to press the button for one time is to power on.

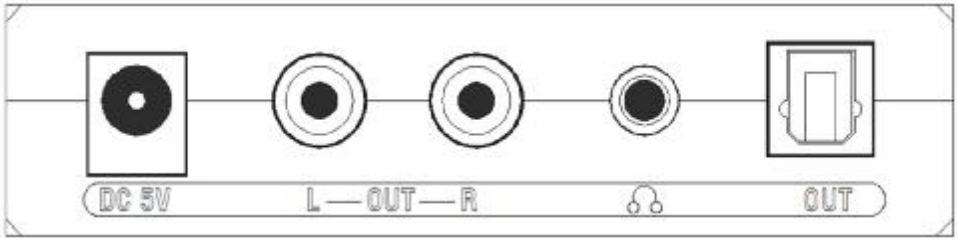


FIG.1.2 Rear Panel View

DC5V: 5V DC in jack

: 3.5mm Stereo headphone output

L-OUT-R: Analog audio L/R output ports

OUT：SPDIF/Toslink output port

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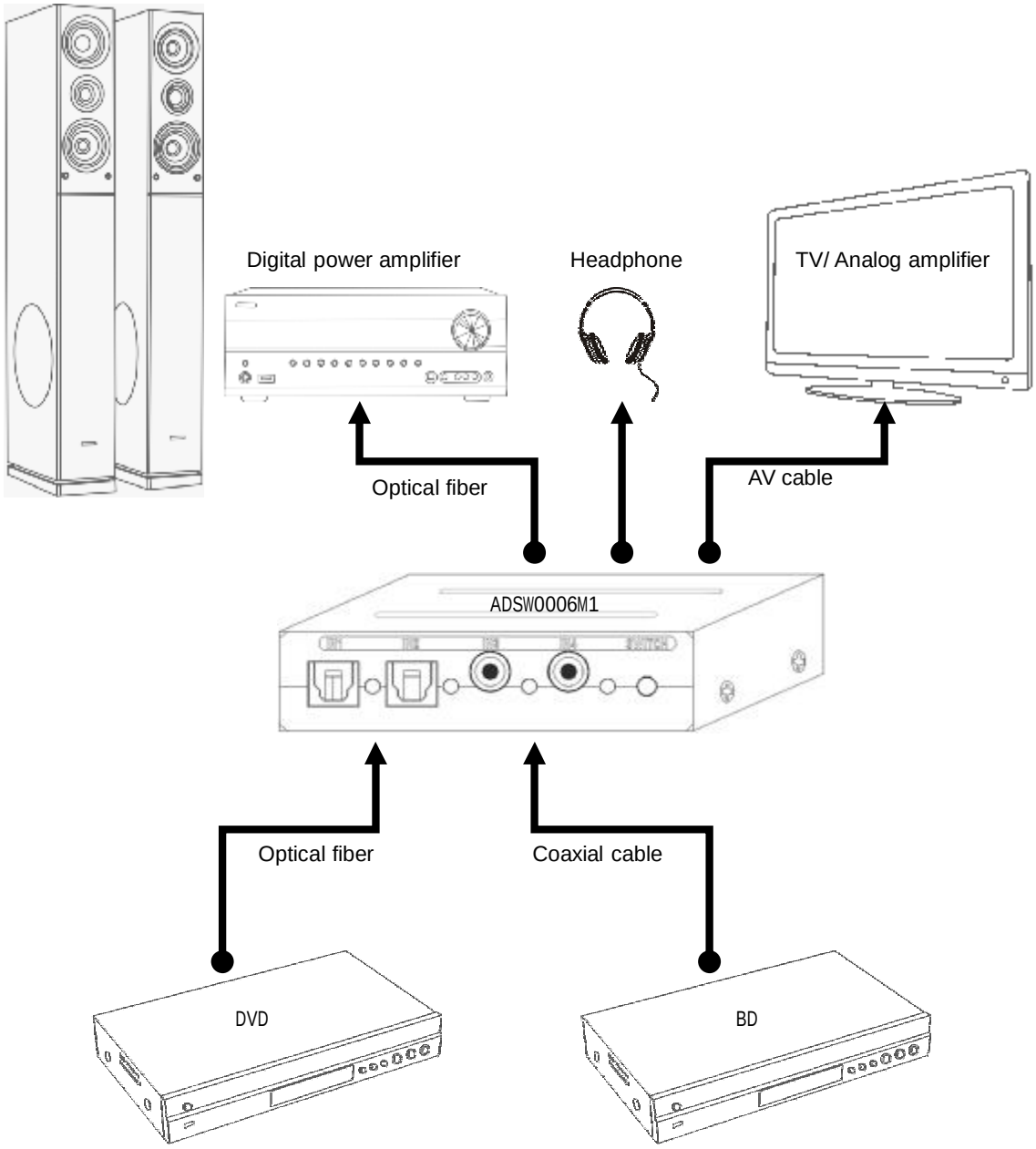
OPERATIONG AND CONNECTION:

1. Connect one optical fiber from digital audio signal source into any one input port of decoder.
2. If you need a digital audio, connect one optical fiber from digital power amplifier into the output port of decoder.
3. If you need an analog audio, connect one AV cable from TV/ analog power amplifier into the L/R output port of decoder.
4. When using headphone, insert the plug into the headphone jack.
5. Connect 5V power supply to the decoder and inserted into the power socket.
6. Select the signal sources using a switch key on the decoder.



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SPECIFICATIONS: ADSW0006M1

Analog Audio Output Support audio format …… PCM/LPCM

DAC sample frequency range…… 32～192 KHz

DAC Bit rate range……..16～24 Bit

Digital input level……0.1~1Volts p-p

L/R output level(1kHz@0dB).....1V RMS

Headphone output power (1kHz@0dB RL=32)……30mW

SNR @ 0dB(CCIR/ARM)……90dB

Distortion……0.1%

Frequency response……..20Hz~20KHz

Max working current ……100mA

Power adapter format Input …….... AC 100V～240V 50HZ/60Hz, DC5V/1A

Operating Temperature range ……-10 to +55℃

Storage Temperature range……-20 to +60℃

Operating Humidity range ……...10 to 90%RH (No Condensation)

Storage Humidity range……..5 to 95%RH (No Condensation)

Case Dimension (L x W x H) ……..85x62x21 (mm)

Weight ……130g

Notes:

Pls use the machine as the instruction listed to keep the long use lifetime of the machine.

1、 The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.

2、 All parts will be free from the strong shake, hit, fall.

3、 Touching the power adaptor with the wet hands is prohibited.

4、 Pls hold the power adaptor head and do not pull the power cord when cut off from the socket.

5、 Pls turn the power off when the machines not used for long time.

6、 Pls do not open the cover and do not touch the inside parts.

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7、 Pls use the original factory power adaptor.

FAQ:

Before power on, pls check the connection line carefully. And make sure that all interfaces are normally connected. The common trouble shooting way shows below:

No.	Problem Description	Solutions
1	Non-Power-Connected	1. Check if the power adaptor head is truly and correctly inserted the power socket. 2. Check the switch if it is in power standby status.
2	No Sound	1. Check if the signal source is on and well connected. 2. Check signal source channel selection is correct 3. Confirm the input audio format is PCM/LPCM 4. Pls to make sure that the TV / amplifier is on and has been connected with the machine. 5. Confirm the power amplifier / TV set volume and mute
3	LED flashing	1. Input audio format is non PCM/LPCM (e.g. AC3, DTS etc.) 2. Input is no signal or mute now 3. Non-validity receiver, need to restart or reconnect

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